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PSG/AID-086
11 March 1970

MEMORANDUM FOR: Executive Director, NPIC

SUBJECT: Integrated Information System Progress Report No. 10,
January - February 1970

REVISED CHART

The attached chart shows the same schedules for software, hard-
ware, and data preparation which were presented in the last report.
The changes are:

The period covered is extended to October.

Category III tests and the training schedule have been extended
three months.

Yellow lines have been added to the chart for each training
manual.

HIGHLIGHTS

Software and the preparation of basic training manuals remain the
critical areas. Hardware schedules are being met, data preparation
continues to stay ahead of software testing needs, and training plans
are progressing satisfactorily. The preparation of manuals is three
to four weeks behind schedule which compresses the time available for
final typing and printing. Progress will be reviewed at the end of
March.

There have been more errors in programming and misinterpretation
of specifications than we had anticipated and much of this period was
devoted to their correction and the tracing of their secondary effects
on other programs. We expect to meet the scheduled date for starting
Category III testing of the full system (6 July) but will have some
slippage of Category II test schedules, particularly in the Data Base
Maintenance package. An extension of the
contract will be necessary to carry their support through the new IIS

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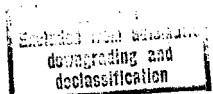
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implementation date. We plan to submit the details with a request for
funds by the end of April.

HARDWARE

On schedule. Site preparation has been completed for all termi-
nals and is under way for temporary terminals in the training area.

SOFTWARE

In spite of slippages, we expect to meet the 6 July date for
Category III testing.

The Operational Support package is on schedule and programming
has been completed.

The following packages are all behind schedule four to eight
weeks but slack in the schedule will cover the losses. Further
slippages can not be absorbed.

Data Entry

Verify - Edit - Approve

Query

Report Program Generator

The Data Base Maintenance (DBM) package has three programs behind
schedule and only one (Periodic Update, line 3) is covered by slack
time. Automatic Update is three weeks late and will delay Category
II testing. On Line Update is a net six weeks late and will extend
into the area which was reserved for Category II tests. Fortunately
it is not an essential interface with other DBM programs and will not,
therefore, delay testing the other programs.

Most of the slippage is caused by programs assigned to the
[   ] which is now operating on the [   ] approved as
an overrun. They are struggling to complete the contract. We have re-
cently obtained clearance for [   ] who is providing greater
management control for the [   ] work. We are monitoring their work
very closely.

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[   ] continues to supply good products.
Our slippage of the IIS implementation date, however, affects their
support work in creation of manuals, detailed systems interfaces, and
Category III tests. We believe additional funding will be required
and will report further on completion of our analysis.

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We have submitted a request to extend our contract with [   ] 25X1
[   ] because we have been unable to obtain the
security clearance for one of their employees. Their work has been
timely and good.

We have reached the point where further changes in specifications
are very difficult to incorporate and have reluctantly informed the
Chief, Imagery Exploitation Group that some requested changes will
have to be deferred until the IIS is operational. In some cases this
is a product of the long time from plan to execution. The World Wide
IPIR programs, for example, were to be stop-gap methods for first
phase reporting until the IIS could take over. We now find that some
WWIPIR solutions are preferred to the IIS methods -- which were designed
1 1/2 to 2 years earlier.

PROCEDURES - DATA BASE

On schedule.

TRAINING

Detailed class schedules have been prepared and distributed. The
AID conference room will be dedicated to classroom training and will
contain an Automatic Send and Receive Teletype and a [   ] CRT. An   25X1
adjacent room will contain additional machines including a DCT-2000.
Each class will be limited to 20 students. All classwork is scheduled
for morning sessions. Machine training for individuals will extend into
the afternoons. We are analyzing the cost and effectiveness of closed-
circuit television and videotape. If good recordings can be made
economically, this solves much of the problem of training new
employees in the future.
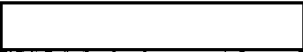
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     The preparation of training manuals remains critical. One is
ready for final typing and printing and two more will be ready by the
end of March. Overall, preparation of six basic manuals averages three
to four weeks behind schedule. Some of this time may be made up but it
is probable that we will have a large typing and printing load in April
and May.

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Chief, Automated Information Division
PSG/NPIC

Attachment: a/s

Distribution:
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